Rabbit anti-Human OR2B11 Polyclonal Antibody | anti-OR2B11 antibody

OR2B11 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284135	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

OR2B11; Polyclonal Antibody; OR2B11 Antibody (C-term); Olfactory receptor 2B11; anti-OR2B11 antibody

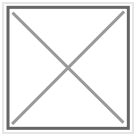
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OR2B11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-276 amino acids from the C-terminal region of human OR2B11.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	248-276
Sequence Length	317
Applicable Applications for anti-OR2B11 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
OR2B11 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

IHC (Immunohiostchemistry)
OR2B11 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of OR2B11 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
OR2B11 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the OR2B11 antibody detected the OR2B11 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OR2B11 antibody	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.
Product Categories/Family for anti-OR2B11 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Villani, A.C., et al. Nat. Genet. 41(1):71-76(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52317192
NCBI GeneID	127623
NCBI Accession #	NP_001004492.1
NCBI GenBank Nucleotide #	NM_001004492.1
UniProt Accession #	Q5JQS5; B2RP03
Molecular Weight	35342
NCBI Official Full Name	olfactory receptor 2B11
NCBI Official Synonym Full Names	olfactory receptor, family 2, subfamily B, member 11
NCBI Official Symbol	OR2B11
NCBI Protein Information	olfactory receptor 2B11
UniProt Protein Name	Olfactory receptor 2B11
UniProt Gene Name	**OR2B11**
UniProt Entry Name	OR2BB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/or2b11-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284135